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| IN 1 9 2002 E   | ORIGINALLY FILED   |                             | . 62  |
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| PTO/SB/21 (6-98)  Approved for use through 09/30/2000 OMS-0651-0031  Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  Under the Frequency Reduction Act of 1995, no persons are required to respond to a collection of the control number. |  |                             |   |
| TRANSMITTAL: FORM (to be used for all correspondence after initial filing)  |  | Applicati n Number          | 10/050,488  |
|   |  | Filing Date                 | January 16, 2002  |
|   |  | First Named Inventor        | Kuo, et al.   |
|   |  | Group Art Unit              | To Be Determined  |
|   |  | Examiner Name               | To Be Determined  |
| Total Number of Pages in This Submission 13   |  | Attorney Docket Number      | CD01351   |
| ENCLOSURES (check all that apply)   |  |                             |   |
| Fee Transmittal Form  |  | nent Papers<br>Application) | After Allowance Communication to Group                            |
| Fee Attached  | Drawing(s)   |                             | Appeal Communication to Board of Appeals and Interferences        |
| Amendment / Response  | Licensing-related Papers   |                             | Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| . After Final   | Petition Routing Slip (PTO/SB/69) and Accompanying Petition          |                             | Proprietary Information   |
| . · Affidavits/declaration(s)   | Petition to Convert to a Provisional Application                     |                             | Status Letter   |
| Extension of Time Request   | Power of Attorney, Revocation<br>Change of Correspondence<br>Address |                             | Additional Enclosure(s) (please identify below)                   |
| Express Abandonment Request   | Termina  | l Disclaimer                | Form PTO 1449 (1 Page in  |
| Information Disclosure Statemen   |  |                             | duplicate); Copy of Int'l. Search<br>Report (8 Pages); Cited      |
| Certified Copy of Priority  |  | t for Refund                | References (9); Post Card   |
| Document(s)  Response to Missing Parts/   | Remarks  |                             | RECEIVED  |
| Incomplete Application  | ;<br><b>[</b>  |                             | JUN 2 5 2002  |
| Response to Missing Parts under 37 CFR 1.52 or 1.53   |  | TE                          | CH CENTER 1600/2900   |
| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT  |  |                             |   |
| Firm  |  |                             |   |
| or<br>Individual name William Y. Lee, Reg. No. 46,100   |  |                             |   |
| Signature Williams  |  |                             |   |
| Date June 13, 2002  |  |                             |   |
| CERTIFICATE OF MAILING  |  |                             |   |
| I hereby certify that this correspondence is being deposited with the United States Postal Service <u>as first class mail in an</u> envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this dat                   |  |                             |   |
| Typed or printed name William Y. Lee  |  |                             |   |

Signature

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PATENT CASE: CD01351

# THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Kuo et al.

For Patent For: SYNTHESIS OF

TEMOZOLOMIDE AND ANALOGS

Serial No.: 10/050,488

Filed: January 16, 2002

Group Art Unit: To Be Assigned

Examiner: To Be Assigned

Date: June 13, 2002

Schering-Plough Corporation Kenilworth, New Jersey 07033-0530

Assistant Commissioner of Patents Washington, D.C. 20231

#### INFORMATION DISCLOSURE STATEMENT

In accordance with applicants' duty of disclosure under 37 C.F.R. 1.56, the following information is submitted, pursuant to 37 C.F.R. 1.97 and 1.98, and may be material to the examination of this application. This submission is not an admission that the documents cited herein are prior art to the presently claimed invention.

**U.S. Patent Documents** 

RECEIVED

U.S. 5,260,291 A

JUN 2 5 2002

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# **Foreign Patent Documents**

EP 0 252 682 A

GB 2 125 402 A

### **Other Documents**

Wang, et al., "Alternative Syntheses of the antitumor drug temozolomide avoiding the use of methyl isocyanates", Journal of Chemical Society, Chemical Communication, Chemical Society, Letchworth, GB, p. 1687-1688 (1994)

Wang, et al., "Antitumor imidazotetrazines. Part 33. new syntheses of the antitumor drug temozolomide using 'masked' methyl isocyanates", J. Chem. Soc., Perkin Trans. 1(21):2783-2787 (1995)

Wang, et al., ""Synthetic studies of 8-carbamoylimidzo-[5, 1-D]-1, 2, 3, 5-tetrazi n-4(3H)- one: a key derivative of antitumor drug temozolomide", Bioorg. Med. Chem. Lett., 6(2):185-188 (1996)

Yongfeng Wang, "A new route to the antitumor drug temozolomide, but not thiotemozolomide", Chem. Commun., 4:363-364 (1997)

Wang, et al., ""Antitumor Imidazotetrazines. 35. New Synthetic Routes to the Antitumor Drug Temozolomide", J. org. Chem. 62(21):7228-7294 (1997)

Wang, et al., "Antitumor Imidazotetrazines. Part 36. Conversion of 5-Amino-Imidazole-4-Carboxamide to .......Journal of the Chemical Society, Perkin Transactions 1, Chemical Society, Letchworth, GB, 10:1669-1675 (1998)

Copies of these documents and a PTO-1449 Form are enclosed. The Examiner is kindly requested to make these documents of record and initial and return the PTO-1449 Form to evidence consideration of these references.

These references were cited in the International Counterpart to the above-identified case in a PCT International Search Report dated May 28, 2002. A copy of the Search Report is enclosed.

No fees, other than the fees necessary for the payment of a continuation application, are believed to be due with this submission. If any fees are determined to be due by this paper, the Commissioner is hereby authorized to deduct such fees from Account No. 19-0365.

Respectfully submitted,

William Lee Reg. No. 46,100

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I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231 ON June 13, 2002

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William Lee

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